

ABSTRACT

An operating mechanism for a rectilinear motion circuit-breaker, for performing an open-close-reopen cycle, and operating on an operating rod of the circuit-breaker and including closing and opening springs. The opening spring operates on the operating rod. The closing spring operates on a crank end whose other end is connected to a shaft fastened to a flywheel and on which is mounted a closing cam cooperating with a roller on the operating rod. A closing pawl retains the closing spring in a compressed position, opening the closing pawl releasing the closing spring to rotate the cam, thereby closing the circuit-breaker and rearming the opening spring. A rearming motor couples to the shaft by a freewheel. A pawl triggers opening retaining the operating rod against force of the opening spring in the closed position of the circuit-breaker and is adapted to receive an opening command.